Fusion Splicer & Tools

Fusion Splicers

ALLINONE

: Integrated 5 function in one unit
(stripping, cleaning, cleaving, splicing and sleeving)

S5

R5

F1+

K7

Shock

Water

Dust

Discover the difference, Unlike any other!

ILSINTECH
HIGH PRECISION TECHNOLOGY

Contants

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Arc Fusion Splicer

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Stand-Alone Devices 18

Products Lineup

Arc Fusion Splicers

Core to Core	Clad to Clad	for Ribbon
S5 ALLINONE Type	**F1+** ALLINONE+ Type	**R5** ALLINONE Type
K7 Typical Type	**F3** Typical Type	**KR7** Typical Type

ALLINONE : Integrated 5 function in one unit (stripping, cleaning, cleaving, splicing and sleeving)

ALLINONE+ : Integrated 7 function in one unit {stripping, cleaning, cleaving, splicing and sleeving + Optical power meter and V.F.L(Visual Fault Locator)}

Cleavers

CI-01	**CI-02**	**CI-06**
CI-03A	**CI-03B**	**CI-08**

Accessories

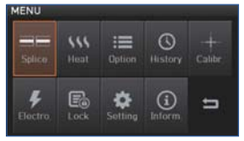
Electrodes	**Cleaver Blades**	**Fiber Holders**
Ribbon Separator	**Ribbon Stripper**	

NEW PRODUCT

Core to Core Alignment
SWIFT K7

Benefits and Features

- Internet remote access maintenance
- Automatic G.657 fiber recognition
- Fastest splice time in industry: 6sec
- Fastest heat time in industry: 13sec
- User-friendly GUI



- IPAAS Technology based Core Alignment
- 4.3-inch Color LCD Monitor with Touch Screen
- Bidirectional Operation System
- Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard

Specification

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS core to core alignment (Image pattern analysis alignment system)
Applicable type of fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655), EDFA, EI980, ITU-T G.657
Auto-Recognized Fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655), SM(ITU-T G.657 A2/B2), SM(ITU-T G.657 B3)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80 ~ 150㎛, Coating diameter: 100 ~ 1000㎛
Fiber setting and cleaved length	250㎛: 8~16mm
Boot up time	Typical 10sec.
Splicing modes	Splice mode: 300, Heat mode: 100
Average splice loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 0.04dB
Average return loss	> 60dB
Splicing time	Typical 6sec. (Quick Mode)
Splice loss estimate	Available
Heat time	Typical 9sec (IS-45 Sleeve, IS-60 mode), Typical 13sec (IS-60 Sleeve, IS-60 mode)
Applicable sleeves	40mm, 45mm, 60mm (fiber), 32mm or 28mm (Connector)
Storage of splice result	Splice Data 10,000 results, Splice Image 10,000 results
Tension test	2N / 4.4N (Option)
Operating condition	Altitude: 0~5,000m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, Humidity: 0~95%
Dimension	142(W) x 163(L) x 146(H)mm, 2.5kg (Including battery)
Viewing method and display	Two CMOS cameras and 4.3-inch color LCD monitor with touch screen
Fiber view and magnification	X or Y view / 220X ~ 700X
Power supply	DC Lithium polymer battery(DC 14.8V, 6000mAh), 100~240V AC Adapter
No. of splice cycles with battery	300 Splice/ Heat cycles
Electrode life	More than 3,500 times splicing without exchange
Data output	USB 2.0, RCA
Firmware upgrade	USB memory stick, internet
Remote control service	Remote control service by internet server

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	K7	1
AC Adapter	F1-1	1
Sleeve Loader	S312	2
Spare Electrode	EI-21	1 pair
Battery Pack	K713	1
Alcohol Dispenser		1
Cooling Tray	CT-03(60mm)	1
Manual Stripper	CFS-2	1
Cleaver	CI-03A	1
Tool Box	-	1
User Manual	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	K713
Cleaver Blade	BI-05
Electrode	EI-21
Fiber Holder	HS-250, HS-900, HS-2.5, HS-IN, HS-SC, HS-FC, HS-LC, HS-ST
Sleeve	S-160(60mm), S-140(40mm) IS-60(60mm), IS-40(40mm)
Sleeving Clamp	SC-01
Manual Stripper	MS-01
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
Cleaver	CS-03A (SOC)
Cigar-Jack	DC 12V

* Design and specifications are subject to change without notice.

Core to Core Alignment SWIFT S5

ALLIN**ONE** : Integrated 5 function in one unit
(stripping, cleaning, cleaving, splicing and sleeving)

Benefits and Features

- Internet remote access maintenance
- Integrated 5 Function in One Unit (Stripping, Cleaning, Cleaving, Splicing and Protecting)
- 4.3-inch Color LCD Monitor with Touch Screen & Bidirectional Operation System
- Resistance to Shock, Dust and Water
- Powerful Lithium Polymer Battery with Large Capacity
- Built-in Dual Sleeve Heater
- IPAAS Technology based Core Alignment
- Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard

Stripping
(No Cracks on Fiber)

Cleaning

Cleaving

Specification

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS core to core alignment(Image pattern analysis alignment system)
Applicable type of fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655) GI EDFA, EI980, Splicing available with different type fiber(SM/MM)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80 ~ 150㎛, Coating diameter: 100 ~ 1000㎛
Fiber setting and cleaved length	250㎛: 8~16mm, 900㎛: 16mm(Application holder: 8mm)
Splicing modes	Splice mode: 100, Heat mode: 50
Typical splice Loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 0.04dB
Return loss	> 60dB
Splicing time	Typical 9sec
Splice loss estimate	Available
Sleeve heating time	30sec, 90sec(Connector)
Applicable protection sleeve	40mm, 60mm (fiber), 28mm or 32mm(Connector)
Storage of splice result	The last 10,000 results to be stored in the internal memory.(Image 10,000 results)
Tension test	2N / 4,4N(Option)
Operating condition	Altitude: 3,660m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, Humidity: 0~95%
Dimension	142(W) x 225(L) x 132(H)mm(Including rubber)
Weight	2.5kg(Including battery 3.2kg)
Viewing method and display	Two CMOS cameras and 4.3-inch color LCD monitor with touch screen
Fiber view and magnification	X or Y view: 300X, X and Y view: 300X, 187X(Zoom 700X)
Power supply	DC Lithium polymer battery(DC 14.8V, 8400mAh), 100~240V AC Adapter
No. of splice cycles with battery	320cycle
Electrode life	More than 3,000 times
Terminals	USB, RCA, External Power(DC 12V Available for car cigar jack)

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	S5	1
AC Adapter	F1-1	1
Sleeve Loader	S312	2
Spare Electrode	EI-21	1 pair
Battery Pack	S513	1
Cooling Tray	CT-03(60mm)	1
Tool Box	-	1
User Manual	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	S513
Cleaver Blade	BI-05
Electrode	EI-21
Fiber Holder	HS-250, HS-900, HS-2.5,HS-IN, HS-SC, HS-LC, HS-ST, LS-900
Sleeve	S-160(60mm), S-140(40mm)
Sleeving Clamp	SC-01
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
External Power	DC 12V Available for car cigar jack

* Design and specifications are subject to change without notice.

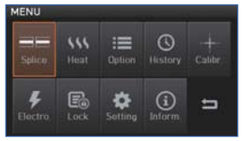
NEW PRODUCT

for Ribbon Fiber

SWIFT KR7

Benefits and Features

- Internet remote access maintenance
- Powerful Lithium Polymer Battery with Large Capacity
- 4.3-inch Color LCD Monitor with Touch Screen & Bidirectional Operation System
- User-friendly GUI



- Resistance to Shock, Dust and Water
- Built-in Dual Sleeve Heater
- Equipped with Sleeve Loader to Prevent Contamination and to Provide Convenience

Thermal Manual Stripper

Specification

CATEGORY	DESCRIPTION
Fiber alignment	Fixed V-Groove(Clad to Clad)
Applicable type of fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655)
Fiber count	Single fiber, 2~12 fiber
Applicable fiber dimensions	Single: Cladding diameter 125㎛, Coating diameter 250, 900㎛ Ribbon: Cladding diameter 125㎛, Ribbon fiber thickness 0.25 to 0.40mm
Fiber setting and cleaved length	10mm
Splicing modes	Splice mode: 100, Heat mode: 100
Typical splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return loss	> 60dB
Splicing time	Typical 16sec with standard SM(ITU-T G.652)
Splice loss estimate	Available
Sleeve heating time	1~2 core 20sec, 4~12 core 50sec
Applicable protection sleeve	40mm, 60mm(fiber), Micro
Storage of splice result	The last 10,000 results to be stored in the internal memory.(Image 10,000 results)
Tension test	2N
Operating condition	Altitude: 5,000m above sea level, Temperature: -10℃~50℃,Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, Humidity: 0~95%
Dimension	142(W) x 163(L) x 146(H)mm(Including rubber)
Weight	2.0kg(Including battery 2.5kg)
Viewing method and display	Two CMOS cameras and 4.3-inch color LCD monitor with touch screen
Fiber view and magnification	20X, MAX 55X
Power supply	DC Lithium polymer battery(DC 14.8V, 6000mAh), 100~240V AC Adapter
No. of splice cycles with battery	200cycle
Electrode life	More than 1,500 times
Terminals	USB, External power(DC 12V Available for car cigar jack), DC-output

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	KR7	1
AC Adapter	F1-1	1
Sleeve Loader	S312	2
Spare Electrode	EI-22	1 pair
Battery Pack	K713	1
Alcohol Dispenser		1
Cooling Tray	CT-03(60mm)	1
Holder	H7-Series	1 pair
Manual Stripper (DC)	IHS-12	1
Cleaver	CI-02	1
DC-Output Cable	-	1
Tool Box	-	1
User Manual	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	K713
Fiber Cleaver	-
Cleaver Blade	BI-05
Electrode	EI-22
Fiber Holder	H7-12,H7-10,H7-8,H7-6, H7-4, H7-2, H7-250, H7-900, H7-IN, H7-2.5
Sleeve	R-F40(40mm)
Sleeving Clamp	SC-01
External Power	DC 12V Available for car cigar jack

* Design and specifications are subject to change without notice.

for Ribbon Fiber

SWIFT R5

ALLIN**ONE** : Integrated 5 function in one unit
(stripping, cleaning, cleaving, splicing and sleeving)

Benefits and Features

- Internet remote access maintenance
- Integrated 5 Function in One Unit (Stripping, Cleaning, Cleaving, Splicing and Protecting)
- 4.3-inch Color LCD Monitor with Touch Screen & Bidirectional Operation System
- Resistance to Shock, Dust and Water
- Powerful Lithium Polymer Battery with Large Capacity
- Built-in Dual Sleeve Heater
- Equipped with Sleeve Loader to Prevent Contamination and to Provide Convenience

Stripping
(No Cracks on Fiber)

Cleaning

Cleaving

Specification

CATEGORY	DESCRIPTION
Fiber alignment	Fixed V-Groove(Clad to Clad)
Applicable type of fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655)
Fiber count	Single fiber, 2~12 fiber
Applicable fiber dimensions	Single: Cladding diameter 125㎛, Coating diameter 250, 900㎛ Ribbon: Cladding diameter 125㎛, Ribbon fiber thickness 0.27 to 0.32mm
Fiber setting and cleaved length	8mm
Splicing modes	Splice mode: 100, Heat mode: 50
Typical splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return loss	> 60dB
Splicing time	Typical 20sec with standard SM(ITU-T G.652)
Splice loss estimate	Available
Sleeve heating time	30sec, 50sec
Applicable protection sleeve	40, 60mm(fiber)
Storage of splice result	The last 10,000 results to be stored in the internal memory.(Image 10,000 results)
Tension test	2N / 4,4N(Option)
Operating condition	Altitude: 5,000m above sea level, Temperature: -10℃~50℃,Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, Humidity: 0~95%
Dimension	142(W) x 225(L) x 132(H)mm(Including rubber)
Weight	2.5kg(Including battery 3.2kg)
Viewing method and display	Two CMOS cameras and 4.3-inch color LCD monitor with touch screen
Fiber view and magnification	50X
Power supply	DC Lithium polymer battery(DC 14.8V, 8400mAh), 100~240V AC Adapter
No. of splice cycles with battery	320cycle
Electrode life	More than 1,000 times
Terminals	USB, External power(DC 12V Available for car cigar jack)

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	R5	1
AC Adapter	F1-1	1
Sleeve Loader	S312	2
Spare Electrode	EI-22	1 pair
Battery Pack	S513	1
Cooling Tray	CT-03(60mm)	1
Holder	H5-Series	1 pair
Tool Box	-	1
User Manual	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	S513
Cleaver Blade	BI-05
Electrode	EI-22
Fiber Holder	H5-12, H5-10, H5-8, H5-6, H5-4, H5-2, H5-250, H5-900, H5-IN, H5-2.5
Sleeve	R-F40(40mm)
Sleeving Clamp	SC-01
External Power	DC 12V Available for car cigar jack

* Design and specifications are subject to change without notice.

Optimized
FTTH Fusion Splicer

Clad to Clad: Fixed V-groove

SWIFT F1+

ALLINONE+ : Integrated 7 function in one unit

{stripping, cleaning, cleaving, splicing and sleeving
+ Optical power meter and V.F.L(Visual Fault Locator)}

Benefits and Features

- Internet remote access maintenance
- Integrated 7 Function in One Unit
- Built-in Power Meter and Fault Locator **(PCT/KR2013/001243)** -option
- Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard

SOC/Pigtail

On a Telephone pole

SWIFT F2
Clad to Clad Alignment

OPTION : Stripper, Power Meter and Visual Fault Locator

Specification (Power Meter)

CATEGORY	DESCRIPTION
Power range(dBm)	5 to -50
Measurable wavelengths(nm)	1310, 1490, 1550
Power uncertainty(dB)	±5%
Resolution(dB)	0.01
Tone detection(Hz)	270, 300, 1k, 2k
Display unit	dB/dBm/W
Warm-up time(sec)	0
Optical adapter type	2.5mm Universal
Firmware upgrade	Enable
Operating temperature	-10℃ to 50℃
Storage temperature	-40℃ to 70℃
Relative humidity	0% to 85% non-condensing

Specification (Fault Locator)

CATEGORY	DESCRIPTION
Laser source	Class 2 laser diode
Laser wavelengths(nm)	650nm(Nominal)
Fiber compatibility	SM and MM
Output port	Universal adapter for connectors with 2.5mm ferrules
Output mode	CW or flashing(2 3 Hz)
Output power	＜1mW into single mode fiber
Operating temperature	-10℃ to 40℃
Storage temperature	-40℃ to 70℃
Relative humidity	0% to 85% non-condensing

* Design and specifications are subject to change without notice.

Specification

CATEGORY	DESCRIPTION
Fiber alignment	Fixed V-Groove(Clad to Clad)
Applicable type of fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm, 4.0 Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125㎛, Coating diameter: 250, 900㎛
Fiber setting and cleaved length	7.0mm
Splicing modes	Splice mode: 100, Heat mode: 50
Typical splice Loss	SM: 0.03dB, MM: 0.02dB, DS: 0.06dB, NZDS: 0.06dB
Return loss	> 60dB
Splicing time	Typical 7sec (Standard SM, SM-SM mode)
Splice loss estimate	Available
Sleeve heating time	30sec(0.9mm fiber), 70sec(indoor, 3.0mm cable), 80sec(Connector)
Applicable protection sleeve	40mm, 60mm, 32mm or 28mm Connector
Storage of splice result	The last 2,000 results to be stored in the internal memory.
Tension test	1.96N
Operating condition	Altitude: 0~5,000m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, Humidity: 0~95%
Dimension	136(W) x 203(L) x 86(H)mm (Without rubber protector)
Weight	1.35kg (Including battery 1.65kg)
Viewing method and display	Two CMOS cameras and 3.5-inch color LCD monitor
Fiber view and magnification	X/Y : 170X/190X
Power supply	DC Lithium polymer battery(DC 14.8V, 1650mAh x 2), 100 ~ 240V AC Adapter
No. of splice cycles with battery	Typical 120 cycles
Electrode life	More than 2,500 times
Terminals	USB

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	F1	1
Optical Power Module	-	1 pair
AC Adapter	F1-1	1
Battery Charger	F1-2	1
Spare Electrode	EI-19	1 pair
Battery Pack	F1-B	2
Cooling Tray	CT-01(40mm)	1
Sleeving Clamp	SC-01	1
Holder	HF-Series	1 pair
Tool Box	-	1
User Guide CD	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	F1-B
Cleaver Blade	BI-05
DC Adapter	ISFB-02
Electrode	EI-19
Fiber Holder	HF-250, HF-900, HF-2.5, HF-IN, HF-SC, HF-FC, HF-LC, HF-ST, LF-900
Sleeve	S09-C, S09, S30-C, S30
Work Table	WK-01(Soft Bag)
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)

* Design and specifications are subject to change without notice.

FTTH Fusion Splicer

Clad to Clad: Fixed V-groove

SWIFT F3

Benefits and Features

- Internet remote access maintenance
- Compact, Lightweight and Convenient
- Resistance to Shock, Dust and Water
- Two Adopted Heaters
- Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard

Work Table

Dual Heaters

SOC / Pigtail

Specification

CATEGORY	DESCRIPTION
Fiber alignment	Fixed V-Groove(Clad to Clad)
Applicable type of fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm, Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125㎛, Coating diameter: 250, 900㎛
Fiber setting and cleaved length	8.0mm
Splicing modes	Splice mode: 100, Heat mode: 50
Typical splice Loss	SM: 0.03dB, MM: 0.02dB, DS: 0.06dB, NZDS: 0.06dB
Return loss	> 60dB
Splicing time	Typical 7sec (Standard SM, SM-SM mode)
Splice loss estimate	Available
Sleeve heating time	20sec(0.9mm fiber), 70sec(Indoor, 3.0mm cable), 80sec(Connector)
Applicable protection sleeve	45mm,60mm(Fiber), 28 or 32mm(Connector)
Storage of splice result	The last 2,000 results to be stored in the internal memory.
Tension test	1.96N
Operating condition	Altitude: 0~5,000m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, Humidity: 0~95%
Dimension	142(W) x 183(L) x 86(H)mm(Including rubber)
Weight	0.9kg(Including battery 1.2kg)
Viewing method and display	Two CMOS cameras and 3.5-inch color LCD monitor
Fiber view and magnification	X/Y : 170X/190X
Power supply	DC Lithium polymer battery(DC 14.8V, 1650mAh x 2), 100 ~ 240V AC Adapter
No. of splice cycles with battery	Typical 140 cycles
Electrode life	More than 2,500 times
Terminals	USB

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	F3	1
AC Adapter	F1-1	1
Battery Charger	F1-2	1
Spare Electrode	EI-19	1 pair
Battery Pack	F1-B	2
Cooling Tray	CT-01(40mm)	1
Sleeving Clamp	SC-01	1
Manual Stripper	MS-01	1
Holder	HF-Series	1 pair
Tool Box	-	1
User Guide CD	-	1
Alcohol Dispenser	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	F1-B
Fiber Cleaver	CI-01A
Cleaver Blade	BI-05
DC Adapter	ISFB-02
Electrode	EI-19
Fiber Holder	HF-250, HF-900, HF-2.5, HF-IN, HF-SC, HF-FC, HF-LC, HF-ST, LF-900
Sleeve	S09-C, S09, S30-C, S30
Work Table	WK-02(Soft Bag)
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)

* Design and specifications are subject to change without notice.

The Integrated FTTH Installation Tool

MULTI-PACK F

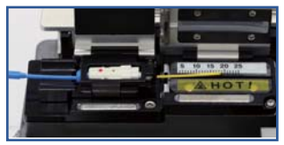
ALLIN**ONE+** : Integrated 6 function in one unit

{stripping, cleaning, cleaving and sleeving
+ Optical power meter and V.F.L(Visual Fault Locator)}

Swift Multi-Pack F is designed to assemble FTTH SOC
with any splicer as well as Swift fusion splicers. 4 functions, stripping, cleaning, cleaving and sleeving,
are in this single unit. This Swift Multi-Pack F satisfies users' needs with its efficient and productive design.
Remember, this unit can be used for other company's splicers.
Furthermore,users see very unique two functions from the Optical Power Meter &
Visual Fault Locator in this unit; they easily see the result of splicing in real time. (**ALL**IN**ONE+**)

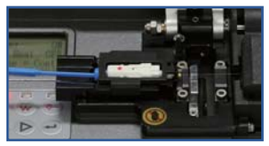
Benefits and Features

- **Integrated 6 Function in One Unit**
- **Built-in Power Meter and Fault Locator (PCT/KR2013/001243)**
- **Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard**



Stripping
(No Cracks on Fiber)

Cleaning



Cleaving

Power Meter & Fault Locator

Specification

CATEGORY	DESCRIPTION
Stripping	
Stripped length	27mm
Fiber Diameter	0.25 ~ 0.9mm
Blade Lifetime	More than 100,000
Motor Lifetime	1,000,000
Fiber Type	Single Fiber
Tensile Strength Test	More than 3Kgf
Heating Time	2.2sec
Heating Temperature	130℃
Cleaning	
Method	Air-pump
Cleaning Spec.	13ml / 100 times
Cleaning Liquid	Alcohol
Cleaving	
Cleaving Length	8mm
Blade Lifetime	50,000
Sleeve Heating	
Temperature	190℃
Time	30sec, 70sec(Connector)
Sleeve Length	60mm
Fiber Type	250, 900, 2 ~ 4 Connector 4Type(SC, FC, LC, ST)
Using Spec.	
Dimension	145x137x98mm
Weight	1.2kg

Specification (Power Meter)

CATEGORY	DESCRIPTION
Power range(dBm)	5 to -50
Measurable wavelengths(nm)	1310, 1490, 1550
Power uncertainty(dB)	±5%
Resolution(dB)	0.01
Tone detection(Hz)	270, 300, 1k, 2k
Display unit	dB/dBm/W
Warm-up time(sec)	0
Optical adapter type	2.5mm Universal
Firmware upgrade	Enable
Operating temperature	-10℃ to 50℃
Storage temperature	-40℃ to 70℃
Relative humidity	0% to 85% non-condensing

Specification (Fault Locator)

CATEGORY	DESCRIPTION
Laser source	Class 2 laser diode
Laser wavelengths(nm)	650nm(Nominal)
Fiber compatibility	SM and MM
Output port	Universal adapter for connectors with 2.5mm ferrules
Output mode	CW or flashing(2 3 Hz)
Output power	＜1mW into single mode fiber
Operating temperature	-10℃ to 40℃
Storage temperature	-40℃ to 70℃
Relative humidity	0% to 85% non-condensing

* Design and specifications are subject to change without notice.

Fiber Cleavers

CI-01

- Economical Price
- Compact Design

CI-02

- Long life cycle with its stability by adopting double slide bearing system.
- Single action cleave system with fiber chip collector.

CATEGORY	CI-01	CI-02
Fiber Diameter	125㎛	125㎛
Coating Diameter	250 ~ 900㎛	250 ~ 900㎛
Cleave Angle	90°± 0.5°	90°± 0.5°
Cleave Length	Single 5mm ~ 20mm	Single 5mm ~ 20mm, Ribbon 10mm
Blade Life time	50,000	50,000
Dimension	58×55×48mm	84×65×54mm
Weight	340g	420g

CI-06

CATEGORY	CI-06
Cleave Angle	90°± 0.5°
Cleave Life	2,000
Dimension	19×32×124mm
Weight	70g

CI-03A

- Single Action for Cleaving (Full Automatic)
- Oil Damper System

CI-03B

- Single Action(Full Automatic) for cleaving & collecting fiber chips
- Oil Damper System

CATEGORY	CI-03A	CI-03B
Fiber Diameter	125㎛	125㎛
Coating Diameter	250 ~ 900㎛	250 ~ 900㎛
Cleave Angle	90°± 0.5°	90°± 0.5°
Cleave Length	Single 16mm & 5mm~20mm, Ribbon 10mm	Single 16mm & 5mm~20mm, Ribbon 10mm
Blade Life time	50,000	50,000
Dimension	58×55×48mm	88×55×48mm
Weight	340g	400g

CI-08

- Typical Cleaving Angle Deviation: 6° ~ 9°
- Just one touch for tension, twisting, cleaving

CATEGORY	CI-08
Fiber Diameter	125㎛
Coating Diameter	250 ~ 900㎛
Cleave Length	6°~ 9°
Blade Life time	Max. 30,000
Dimension	104×72×56mm
Weight	400g

Stand-Alone Devices

Auto Stripper

- High Quality
- High Productivity
- More Convenience

CATEGORY	DESCRIPTION
Applicable	250 ~ 900㎛
Fiber Counts	Single to 12ct
Stripped length	30mm
Heating temp.	60℃ ~ 140℃
Temp. Setting Step	9 Steps
Heating Time	2 ~ 7sec
Time Setting Step	5 Steps
Power	DC 12V
Dimension	154x64x76mm
Weight	750g

Window Stripper

- No Fiber Crack & Keep High Tensile Strength
- Chemical Strip Draw-backs Resolved

CATEGORY	DESCRIPTION	
Stripped length	2 ~ 120mm	2 ~ 60mm
Applicable cable diameter	250㎛	
Fiber Coating Material	UV Coated Fiber	
Stripping time	20mm / sec	
Power	DC 12V	
Dimension	190x64x76mm	
Weight	800g	

Ultrasonic Cleaner IFC-24

- Automatic touch operation
- Compatible fiber holder adaptor(16 & 20mm)
- Fiber optic connector adaptation: FC/ST, SC, LC, MU, MT-RJ connector
- High frequency ultrasonic action

CATEGORY	DESCRIPTION
Fiber Mode	125㎛
Coating Diameter	250 ~ 900㎛
Rinsing Liquid	Alcohol
Cleaning Time(1 Cycle)	1 ~ 3sec
Power & Voltage	15W & DC 12V 10%
Dimension	115x75x95mm
Weight	560g

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